cket No.: 37354-229

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

HAJI-SHEIKH, MICHAEL J., et al.

Serial No.: 10/011,543

Group Art Unit: 2862

Filed: December 05, 2001

Examiner: R. Aurora

For:

MAGNETORESISTIVE SPEED AND DIRECTION SENSING METHOD AND APPARATUS

Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an Amendment in the above-identified application.

No additional fee is required.

Applicant is entitled to small entity status under 37 CFR 1.27

Also attached: Information Disclosure Statement

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	38	38	0	\$18.00 =	\$0.00
Independent Claims	4	4	0	\$84.00 =	\$0.00
		Multiple claims newly presented			\$0.00
		Fee for extension of time		\$0.00	
					\$0.00
			Total of Above Calculations		\$0.00

Please charge my Deposit Account No. 500417 in the amount of \$0.00. An additional copy of this transmittal sheet is submitted herewith.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 500417, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

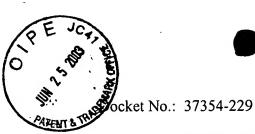
MCDERMOTT, WILL & EMERY

Wei-Chen Chen

Recognition under 37 CFR §10.9(b)

600 13th Street, N.W. Washington, DC 20005-3096 (202) 756-8000 WC:apr Facsimile: (202) 756-8087

Date: June 25, 2003



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<u>AMENDMENT</u>

Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the non-final Office Action dated March 28, 2003, please amend the above-identified application as follows.